

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **09124432 A**

(43) Date of publication of application: **13.05.97**

(51) Int. Cl.

A61K 7/00
A61K 7/48

(21) Application number: **07303473**

(22) Date of filing: **26.10.95**

(71) Applicant: **KANEBO LTD**

(72) Inventor: **SUMIDA YASUSHI**
OKUKI SHINGO

**(54) PRODUCTION OF LIQUID CRYSTAL TYPE
EMULSION AND LIQUID CRYSTAL TYPE
EMULSION COMPOSITION OBTAINED THEREBY**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a stable liquid crystal-type emulsion despite being of nonionic surfactant system, capable of improving or restoring the skin to healthy condition through promoting and maintaining the moisture-holding performance inherent therein.

SOLUTION: This liquid crystal-type emulsion is obtained

by heating at least one kind of ceramide selected from ceramide, glucosylceramide and galactosylceramide, cholesterol and a fatty acid in an oil agent to a temperature not lower than the phase transition temperature of the mixed system of the ceramide(s) and the fatty acid, followed by addition of a water-soluble polyhydric alcohol and then mixing the resultant composition with an aqueous medium at a temperature higher than the above phase transition temperature under agitation, and then cooling the system to the above phase transition temperature or lower.

COPYRIGHT: (C)1997,JPO